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NOTICE OF ALLOWANCE AND FEE(S) DUE

23552

7590

10/04/2004

MERCHANT & GOULD PC P.O. BOX 2903 MINNEAPOLIS, MN 55402-0903 EXAMINER
RODRIGUEZ, CRIS LOIREN

PAPER NUMBER

RODRIGUEZ, CRIS LOIREN

ART UNIT

DATE MAILED: 10/04/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/086,646	02/28/2002	Clinton S. Vilks	9015.143US01	6986

TITLE OF INVENTION: CARTRIDGE AND PUMP WITH AXIAL LOADING

APPLN.TYPE	APPLN,TYPE SMALL ENTITY		PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$1370	\$300	\$1670	01/04/2005	

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

	ICE ADDRESS (Note: Use Block 1 for	any change of address)		Note: A certificate of Fee(s) Transmittal. T papers. Each addition	of mailing can only be used for This certificate cannot be used nal paper, such as an assignment ate of mailing or transmission.	or domestic mailings of the for any other accompanying ent or formal drawing, must	
23552	7590 10/04/2004			have its own certifica	ate of mailing or transmission.		
MERCHANT &	GOULD PC			C	ertificate of Mailing or Trans	smission	
P.O. BOX 2903				I hereby certify that States Postal Service	this Fee(s) Transmittal is being with sufficient postage for fir	g deposited with the United	
MINNEAPOLIS,	MN 55402-0903			addressed to the Matransmitted to the US	this Fee(s) Transmittal is beint with sufficient postage for fir ail Stop ISSUE FEE address SPTO (703) 746-4000, on the control of the sufficient postage for firms of the suf	above, or being facsimile date indicated below.	
		-				(Depositor's name)	
						(Signature)	
						(Date)	
APPLICATION NO.	FILING DATE	F	IRST NAMED IN	/ENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/086,646	02/28/2002		Clinton S. V	ilks	9015.143US01	6986	
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nonprovisional	NO	\$1370		\$300	\$1670	01/04/2005	
EXA	MINER	ART UNI	Т	CLASS-SUBCLASS			
RODRIGUEZ	, CRIS LOIREN	3763		604-131000			
1. Change of corresponden	ce address or indication of "F	ee Address" (37		on the patent front page,			
CFR 1.363). Change of correspor	ndence address (or Change of	Correspondence	(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,				
Address form PTO/SB/	ndence address (or Change of 122) attached.		_	• •	s a member a 2		
"Fee Address" indic PTO/SB/47; Rev 03-02 Number is required.	ation (or "Fee Address" Indic or more recent) attached. Us	ation form e of a Customer	registered atto 2 registered pa listed, no name	f a single firm (having as mey or agent) and the na tent attorneys or agents. will be printed.	ames of up to If no name is 3		
	D RESIDENCE DATA TO F						
PLEASE NOTE: Unles recordation as set forth	ss an assignee is identified bin 37 CFR 3.11. Completion	elow, no assignee d of this form is NOT	lata will appear a substitute for t	on the patent. If an assignment.	gnee is identified below, the o	document has been filed for	
(A) NAME OF ASSIGN	NEE	(B)) RESIDENCE: (CITY and STATE OR C	OUNTRY)		
Please check the appropria	te assignee category or catego	ories (will not be pri	nted on the paten	t): 🗖 Individual 📮	Corporation or other private gr	roup entity Government	
4a. The following fee(s) ar	e enclosed:	4b.	. Payment of Fee	(s):			
☐ Issue Fee				e amount of the fee(s) is			
Publication Fee (No	small entity discount permitt		Payment by credit card. Form PTO-2038 is attached.				
Advance Order - # of Copies			The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).				
_ ~ ~ .	s (from status indicated abov SMALL ENTITY status. See	,	b. Applicant	s no longer claiming SM	ALL ENTITY status. See 37 C	CFR 1.27(g)(2).	
					usly paid issue fee to the applic egistered attorney or agent; or t		
Authorized Signature _				Date			
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Alexandria, Virginia 2231.	3-1430.				y the public which is to file (ar 2 minutes to complete, includi comments on the amount of t and Trademark Office, U.S. Dep SS. SEND TO: Commissioner it displays a valid OMB contro		



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23552 7590 10/04/2004			EXAM	INER	
MERCHANT &	GOULD PC	RODRIGUEZ,	RODRIGUEZ, CRIS LOIREN		
P.O. BOX 2903 MINNEAPOLIS, 1	MN 55402-0903		ART UNIT	PAPER NUMBER	
,			3763		

DATE MAILED: 10/04/2004

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 57 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 57 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



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MERCHANT (& GOULD P	C		RODRIGUEZ,	CRIS LOIREN
P.O. BOX 2903 MINNEAPOLIS	S. MN 55402-0)903	,	ART UNIT	PAPER NUMBER
	,			3763	

DATE MAILED: 10/04/2004

Notice of Fee Increase on October 1, 2004

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2004, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" because some fees will increase effective October 1, 2004. See Revision of Patent Fees for Fiscal Year 2005; Final Rule, 69 Fed. Reg. 52604, 52606 (May 10, 2004).

The current fee schedule is accessible from WEB site (http://www.uspto.gov/main/howtofees.htm).

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in view of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowance is to be filed on or after October 1, 2004 (or mailed with a certificate of mailing on or after October 1, 2004), the issue fee paid should be the fee that is required at the time the fee is paid. See Manual of Patent Examining Procedure (MPEP), Section 1306 (Eighth Edition, Rev. 2, May 2004). If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously-paid issue fee should be paid. See MPEP Section 1308.01.

Effective October 1, 2004, 37 CFR 1.18 is amended by revising paragraphs (a) through (c) to read as set forth below.

Section 1.18 Patent post allowance (including issue) fees.

(a) Issue fee for issuing each original or reissue patent, except a design or plant patent:

	By a small entity (Sec. 1.27(a))	\$685.00
	By other than a small entity	\$1,370.00
(b)	Issue fee for issuing a design patent:	
	By a small entity (Sec. 1.27(a))	\$245.00
	By other than a small entity	\$490.00
(c)	Issue fee for issuing a plant patent:	
	By a small entity (Sec. 1.27(a))	\$330.00
	By other than a small entity	\$660.00

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

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	Application	No.	Applicant(s)	\sim
Nation of Allowability	10/086,646		VILKS ET AL.	
Notice of Allowability	Examiner		Art Unit	
	Cris L. Rod	riguez	3763	
The MAILING DATE of this communication ap All claims being allowable, PROSECUTION ON THE MERITS herewith (or previously mailed), a Notice of Allowance (PTOL- NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT of the Office or upon petition by the applicant. See 37 CFR 1.3	IS (OR REMAIN 85) or other appr FRIGHTS. This a 313 and MPEP 1	 S) CLOSED in this ap opriate communication application is subject t 	plication. If not include n will be mailed in due	ed course. THIS
1. A This communication is responsive to <u>amendment filed 7</u>	<u>7/6/04</u> .			
2. X The allowed claim(s) is/are <u>1,2,5-15,25-28,47,50 and 5</u>	<u>1</u> .			
3. $igotimes$ The drawings filed on 28 February 2002 are accepted b	y the Examiner.			
 4. ☐ Acknowledgment is made of a claim for foreign priority a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents he: 2. ☐ Certified copies of the priority documents he: 3. ☐ Copies of the certified copies of the priority International Bureau (PCT Rule 17.2(a)). * Certified copies not received: 	ave been receive ave been receive	d. d in Application No		tion from the
Applicant has THREE MONTHS FROM THE "MAILING DAT noted below. Failure to timely comply will result in ABANDO THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.			complying with the rec	luirements
5. A SUBSTITUTE OATH OR DECLARATION must be su INFORMAL PATENT APPLICATION (PTO-152) which (OTICE OF
6. CORRECTED DRAWINGS (as "replacement sheets") n (a) including changes required by the Notice of Draftsp 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examin Paper No./Mail Date Identifying indicia such as the application number (see 37 CF) each sheet. Replacement sheet(s) should be labeled as such in	erson's Patent D ner's Amendment R 1.84(c)) should in the header acco	rawing Review (PTO / Comment or in the Comment or the drawing to 37 CFR 1.121	Office action of ngs in the front (not the	
 DEPOSIT OF and/or INFORMATION about the de attached Examiner's comment regarding REQUIREMEN 				lote the
Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-94	_	☐ Notice of Informal F ☐ Interview Summary	Patent Application (PTC)-152)
		Paper No./Mail Da	te	
 Information Disclosure Statements (PTO-1449 or PTO/S Paper No./Mail Date <u>7/6/04</u> 	_	☐ Examiner's Amend	menvComment	
4. Examiner's Comment Regarding Requirement for Depos	/)		ent of Reasons for Allo	wance
of Biological Material		Other		
SUPERVISORY	S D. LUCCHESI PATENT EXAMIN BY CENTER 3700			